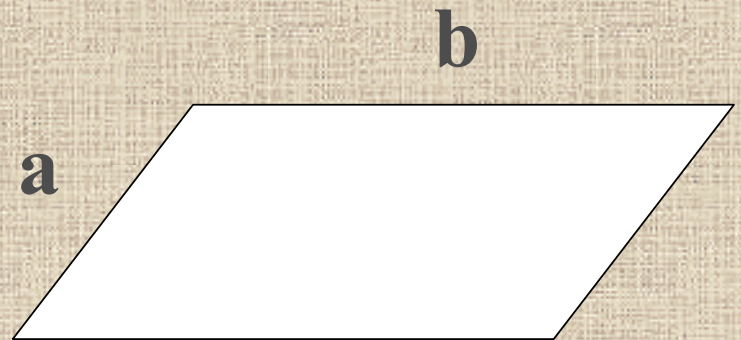
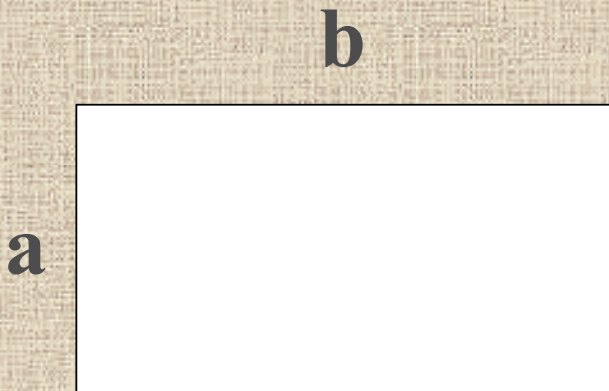


# Grade Level Considerations

- **Areas of Emphasis:** identifies key areas of learning aligned with Content Standards.
- **Key Standards:** identifies some of the most important standards and places them in context.
- **Elaboration:** provides added detail on the mathematical skills and concepts to be mastered.
- **Accomplishments:** identifies areas of math learning that may present particular difficulties and concerns.

# Activity III



The two figures above have the same length and width. How do their perimeters and areas compare? Explain.

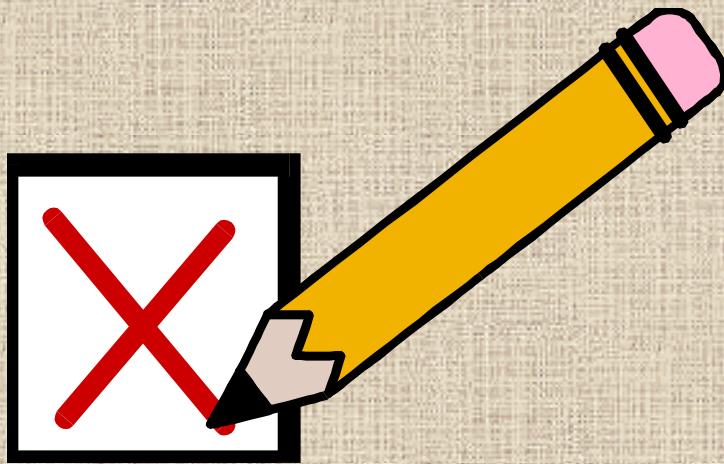


[Activity Exercise \(pdf\)](#)





# IV. Assessment



- Types of Assessment
- Universal Access and Accountability
- STAR Standards Based Math Testing

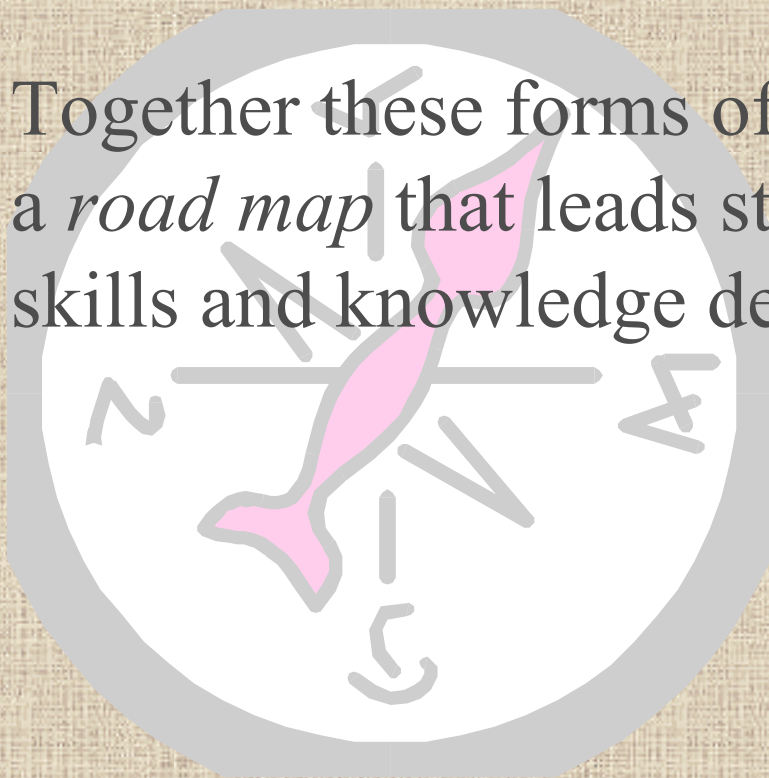
# Types of Assessment

- **Entry Level or Baseline:** What knowledge and skills do students possess?
- **Progress Monitoring or Formative Assessment:** Are students making adequate progress toward achieving the standards?
- **Summative evaluation:** Have students achieved the goals defined by a given standard or set of standards?



# Road Map for Success

Together these forms of assessment will provide a *road map* that leads students to mastery of the skills and knowledge described in the standards.



# Assessment

How are you using entry level,  
progress monitoring, and  
summative assessments in your  
district?



# STAR Standards Based Tests

- 2000 - STAR Math test will include 15 SAT-9 items and 50 *augmented* items that are aligned with the standards.
- Retention and promotion will be based on the *augmented* test scores.
- High School Exit Exam will cover 6th-7<sup>th</sup> grade standards and Algebra 1.

# Standards

- Reasoning Standards
  - embedded in all strands
  - fundamental
- Key Standards/Topics
- Making Connections



# STAR Standards-Based

Grades 2-7

50 Standards-Based items

15 foundation items from SAT 9

The Standards-Based Test

**(3 scores will be reported for the  
Standards-Based test)**

# Discipline Headings 8-12

- Algebra I
- Geometry
- Algebra II
- Probability  
& Statistics
- Trigonometry
- Math Analysis

- Linear Algebra
- Advanced  
Placement  
Probability  
& Statistics
- Calculus



# STAR Standards-Based Grades 8 -10

- Scores based only on the 65 Standards-Based items
- Students take the test for the course they are in (Algebra 1, Integrated 1, Geometry, etc.)
- If they are not in a course, they do **not** take the Standards-Based test.

# STAR Standards-Based Grade 11

In grade 11, only those who have completed Algebra 2 will take the test.



# Activity IV

- The cost of a party at a local club is \$875 for 20 people and \$1100 for 30. These costs include a \$425 non-refundable fee for the room rental. Assume that a linear relationship exists between the cost of the party and the number of people attending the party.
- Write an equation for this function and sketch its graph. Use it to determine the cost for a party with 26 people. Explain and interpret the slope and Y-intercept of the function.



[Activity Worksheet \(pdf\)](#)



# Content Support

Are teachers ready to implement the standards?

How can your district support teachers in implementing the standards?



# Universal Access

## Chapter 6

- Special Needs Students
- English Language Learners
- Accelerating Learning
- Grouping
- Advanced Learners

# Universal Access and Accountability

## Who is accountable for student success?

- *Assumption #1:* Quality instruction must be in place before intervention can become effective.
- *Assumption #2:* The question is not whether to promote or retain, but rather, how to institute timely and on going support interventions so that all learners can achieve.



# Universal Access

What are the most effective methods to support EL students in meeting or exceeding standards?

# Universal Access

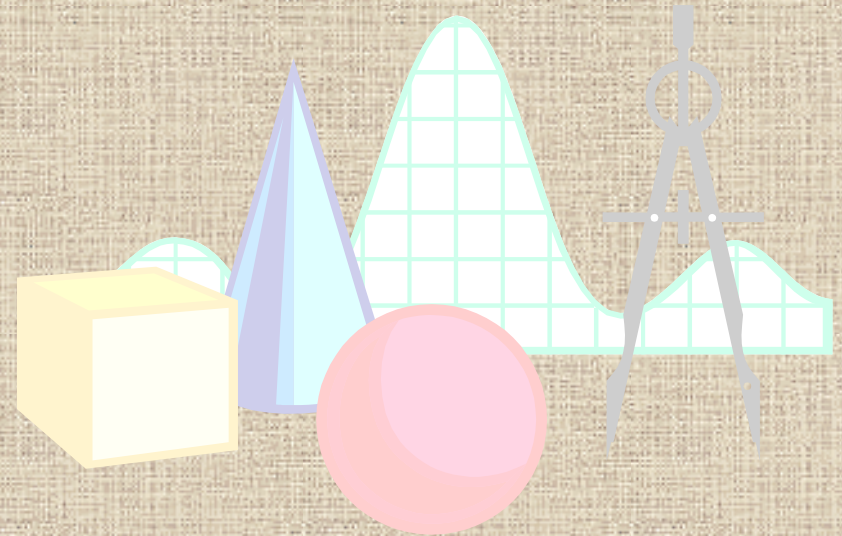


In light of  
promotion/retention  
legislation, who is  
accountable for student  
success in your  
district?



# Accountability

- Assess
- Diagnose
- Plan in advance
- Differentiate
- Flexible grouping
- Enlist help



# Accountability

*Assumption #1:*

Quality instruction must be in place before intervention can become effective.